

12/22/97

JC560 U.S. PTO

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PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0551-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 970118 Total Pages 2

First Named Inventor or Application Identifier

Thomas E. Kaib

Express Mail Label No. EM203363755US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)	6. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification [Total Pages 42] (preferred arrangement set forth below)	7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- Descriptive title of the Invention	
- Cross References to Related Applications	
- Statement Regarding Fed sponsored R & D	
- Reference to Microfiche Appendix	
- Background of the Invention	
- Brief Summary of the Invention	
- Brief Description of the Drawings (if filed)	
- Detailed Description	
- Claim(s)	
- Abstract of the Disclosure	
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 5]	8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))
4. Oath or Declaration [Total Pages]	9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)
a. <input type="checkbox"/> Newly executed (original or copy)	10. <input type="checkbox"/> English Translation Document (if applicable)
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) (Note Box 5 below)	11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
I. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting Inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	
12. <input type="checkbox"/> Preliminary Amendment	
13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
14. <input checked="" type="checkbox"/> Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) <input type="checkbox"/> Status still proper and desired	
15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	
16. <input type="checkbox"/> Other:	

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

 Continuation Divisional Continuation-in-part (CIP) of prior application No: /

18. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Labelor Correspondence address below

(Insert Customer No. or Attach bar code label here)

NAME	John E. Grosselin, III				
	Buchanan Ingersoll, P.C.				
ADDRESS	One Oxford Centre				
	301 Grant Street, 20th Floor				
CITY	Pittsburgh	STATE	PA	ZIP CODE	15219
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

12/22/97
12560 US PTO**FEET TRANSMITTAL***Note: Effective October 1, 1997.
Patent fees are subject to annual revision.***TOTAL AMOUNT OF PAYMENT** (\$ 494.00)*Complete If Known*

Application Number	
Filing Date	
First Named Inventor	Thomas E. Kaib
Group Art Unit	
Examiner Name	
Attorney Docket Number	970118

METHOD OF PAYMENT (check one)1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number	02-4553
Deposit Account Name	Buchanan Ingersoll

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2. Payment Enclosed:
 Check Money Order Other**FEE CALCULATION****1. FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	790	201 395	Utility filing fee
106	330	206 165	Design filing fee
107	540	207 270	Plant filing fee
108	790	208 395	Reissue filing fee
114	150	214 75	Provisional filing fee
SUBTOTAL (1) (\$ 395.00)			

2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
29	-20	= 9	X 11 = 99
Independent Claims	2	- 3	= 0
Multiple Dependent Claims		X	=

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	
103	22	203 11	Claims in excess of 20
102	82	202 41	Independent claims in excess of 3
104	270	204 135	Multiple dependent claim
109	82	209 41	Reissue independent claims over original patent
110	22	210 11	Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 99.00)			

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65	Surcharge - late filing fee or oath
127	50	227 25	Surcharge - late provisional filing fee or cover sheet
139	130	139 130	Non-English specification
147	2,520	147 2,520	For filing a request for reexamination
112	920*	112 920*	Requesting publication of SIR prior to Examiner action
113	1,840*	113 1,840*	Requesting publication of SIR after Examiner action
115	110	215 55	Extension for reply within first month
116	400	216 200	Extension for reply within second month
117	950	217 475	Extension for reply within third month
118	1,510	218 755	Extension for reply within fourth month
128	2,060	228 1,030	Extension for reply within fifth month
119	310	219 155	Notice of Appeal
120	310	220 155	Filing a brief in support of an appeal
121	270	221 135	Request for oral hearing
138	1,510	138 1,510	Petition to institute a public use proceeding
140	110	240 55	Petition to revive - unavoidable
141	1,320	241 660	Petition to revive - unintentional
142	1,320	242 660	Utility issue fee (or reissue)
143	450	243 225	Design issue fee
144	670	244 335	Plant issue fee
122	130	122 130	Petitions to the Commissioner
123	50	123 50	Petitions related to provisional applications
126	240	126 240	Submission of Information Disclosure Stmt
581	40	581 40	Recording each patent assignment per property (times number of properties)
146	790	246 395	Filing a submission after final rejection (37 CFR 1.129(a))
149	790	249 395	For each additional invention to be examined (37 CFR 1.129(b))

Other fee (specify) _____

Other fee (specify) _____

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**SUBMITTED BY**

Complete (if applicable)

Typed or Printed Name	John E. Grosselin, III	Reg. Number	38,478
Signature	<i>JE Grosselin III</i>	Date	12/22/97
		Deposit Account User ID	02-4553

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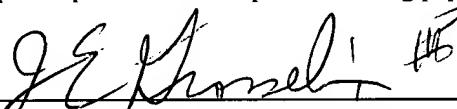
CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10 - SEPARATE PAPER		ATTORNEY'S DOCKET NO. 970118
IN RE APPLICATION OF Thomas E. Kaib et al.		
SERIAL NUMBER	FILED	
FOR BATTERY MANAGEMENT APPARATUS FOR PORTABLE ELECTRONIC DEVICES		
GRP. ART UNIT	EXAMINER	

"Express Mail" mailing label number EM203363755US

Date of deposit December 22, 1997

I hereby certify that this paper or fee is being deposited
with the United States Postal Service "Express Mail Post Office to
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John E. Grosselin, III
(Typed or printed name of person mailing paper or fee)


John E. Grosselin
(Signature of person mailing paper or fee)